

10/774043

\*\*\*\*\* SEARCH HISTORY \*\*\*\*\*

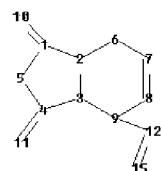
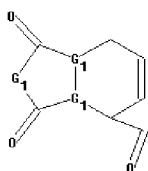
=> d his nof

(FILE 'HOME' ENTERED AT 09:57:55 ON 18 MAR 2009)

FILE 'REGISTRY' ENTERED AT 09:58:16 ON 18 MAR 2009

L1                   STRUCTURE UPLOADED  
                  D

Uploading L1.str



chain nodes :

10 11 12 15

ring nodes :

1 2 3 4 5 6 7 8 9

chain bonds :

1-10 4-11 9-12 12-15

ring bonds :

1-2 1-5 2-3 2-6 3-4 3-9 4-5 6-7 7-8 8-9

exact/norm bonds :

1-2 1-5 1-10 2-3 2-6 3-4 3-9 4-5 4-11 6-7 7-8 8-9 9-12 12-15

G1:C,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS  
11:CLASS 12:CLASS 15:CLASS

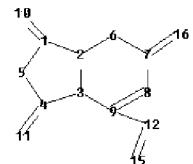
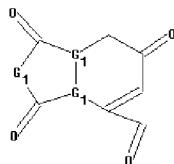
L2                   6 SEA SSS SAM L1

FILE 'STNGUIDE' ENTERED AT 09:59:01 ON 18 MAR 2009

FILE 'REGISTRY' ENTERED AT 10:03:14 ON 18 MAR 2009

L3                   STRUCTURE UPLOADED  
                  D

Uploading L2.str



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chain nodes :
10 11 12 15 16
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
1-10 4-11 7-16 9-12 12-15
ring bonds :
1-2 1-5 2-3 2-6 3-4 3-9 4-5 6-7 7-8 8-9
exact/norm bonds :
1-2 1-5 1-10 2-3 2-6 3-4 3-9 4-5 4-11 6-7 7-8 7-16 8-9 9-12 12-15

```

G1:C,N

Match level :

1:Atom	2:Atom	3:Atom	4:Atom	5:Atom	6:Atom	7:Atom	8:Atom	9:Atom	10:CLASS
11:CLASS	12:CLASS	15:CLASS	16:CLASS						

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L4          0 SEA SSS SAM L3
L5          7 SEA SSS SAM L1 OR L3
          D SCAN
L6          1514 SEA SSS FUL L1 OR L3
          SAVE TEMP L6 SPI043REL1L2/A

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FILE 'HCAPLUS' ENTERED AT 10:10:27 ON 18 MAR 2009
L7          1 SEA ABB=ON PLU=ON US20060293372/PN

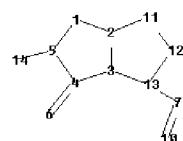
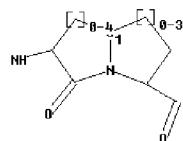
```

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FILE 'REGISTRY' ENTERED AT 10:36:03 ON 18 MAR 2009
L8          STRUCTURE uploaded
          D

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Uploading L3.str



chain nodes :

6 7 10 14

ring nodes :

1 2 3 4 5 11 12 13

chain bonds :

4-6 5-14 7-10 7-13

ring bonds :

1-2 1-5 2-3 2-11 3-4 3-13 4-5 11-12 12-13

exact/norm bonds :

1-2 1-5 2-3 2-11 3-4 3-13 4-5 4-6 5-14 7-10 7-13 11-12 12-13

G1:C,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 10:CLASS 11:Atom

12:Atom

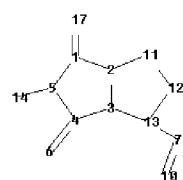
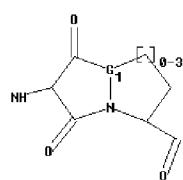
13:Atom 14:CLASS

L9

STRUCTURE UPLOADED

D

Uploading L4.str



```

chain nodes :
6 7 10 14 17
ring nodes :
1 2 3 4 5 11 12 13
chain bonds :
1-17 4-6 5-14 7-10 7-13
ring bonds :
1-2 1-5 2-3 2-11 3-4 3-13 4-5 11-12 12-13
exact/norm bonds :
1-2 1-5 1-17 2-3 2-11 3-4 3-13 4-5 4-6 5-14 7-10 7-13 11-12 12-13

```

G1:C,N

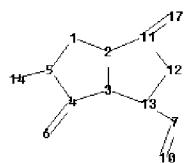
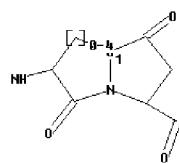
```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 10:CLASS 11:Atom
12:Atom
13:Atom 14:CLASS 17:CLASS

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L10 STRUCTURE UPLOADED  
D

Uploading L5.str



```

chain nodes :
6 7 10 14 17
ring nodes :
1 2 3 4 5 11 12 13
chain bonds :
4-6 5-14 7-10 7-13 11-17
ring bonds :
1-2 1-5 2-3 2-11 3-4 3-13 4-5 11-12 12-13
exact/norm bonds :
1-2 1-5 2-3 2-11 3-4 3-13 4-5 4-6 5-14 7-10 7-13 11-12 11-17 12-13

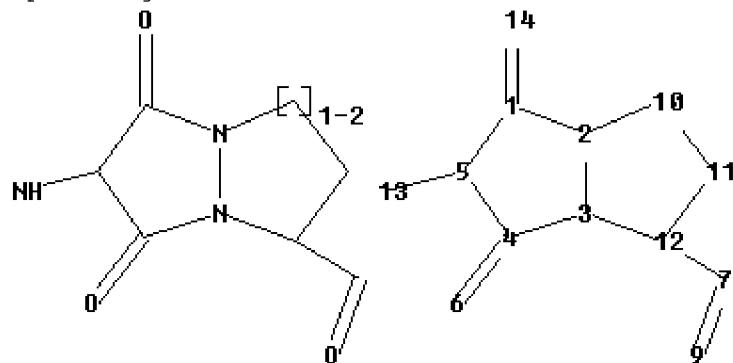
```

G1:C,N

Match level :  
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 10:CLASS 11:Atom  
 12:Atom  
 13:Atom 14:CLASS 17:CLASS

L11 0 SEA SUB=L6 SSS SAM L8 OR L9 OR L10  
 L12 0 SEA SUB=L6 SSS FUL L8 OR L9 OR L10  
 L13 50 SEA SSS SAM L8 OR L9 OR L10  
 L14 STRUCTURE UPLOADED  
 D

Uploading L6.str



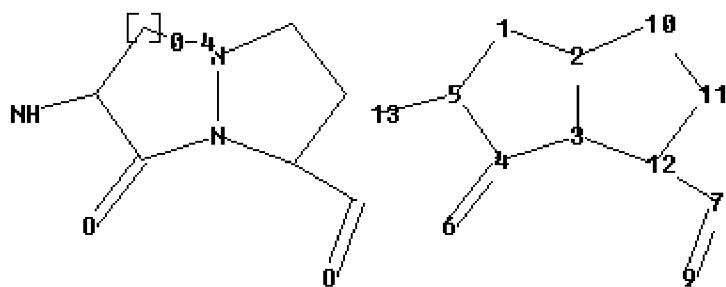
chain nodes :  
 6 7 9 13 14  
 ring nodes :  
 1 2 3 4 5 10 11 12  
 chain bonds :  
 1-14 4-6 5-13 7-9 7-12  
 ring bonds :  
 1-2 1-5 2-3 2-10 3-4 3-12 4-5 10-11 11-12  
 exact/norm bonds :  
 1-2 1-5 1-14 2-3 2-10 3-4 3-12 4-5 4-6 5-13 7-9 10-11 11-12  
 exact bonds :  
 7-12

Match level :  
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 9:CLASS 10:Atom 11:Atom  
 12:Atom 13:CLASS 14:CLASS

L15 STRUCTURE UPLOADED  
 D

Uploading L7.str

10/774043



chain nodes :

6 7 9 13

ring nodes :

1 2 3 4 5 10 11 12

chain bonds :

4-6 5-13 7-9 7-12

ring bonds :

1-2 1-5 2-3 2-10 3-4 3-12 4-5 10-11 11-12

exact/norm bonds :

1-2 1-5 2-3 2-10 3-4 3-12 4-5 4-6 5-13 7-9 10-11 11-12

exact bonds :

7-12

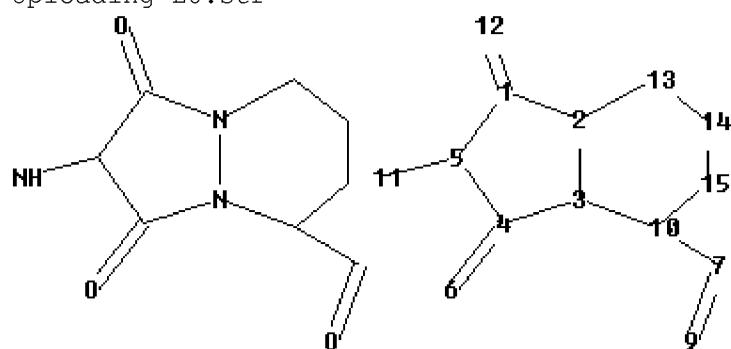
Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 9:CLASS 10:Atom 11:Atom  
12:Atom 13:CLASS

L16

STRUCTURE UPLOADED  
D

Uploading L8.str



chain nodes :

6 7 9 11 12

ring nodes :

1 2 3 4 5 10 13 14 15

chain bonds :

1-12 4-6 5-11 7-9 7-10

ring bonds :

1-2 1-5 2-3 2-13 3-4 3-10 4-5 10-15 13-14 14-15

exact/norm bonds :

1-2 1-5 1-12 2-3 2-13 3-4 3-10 4-5 4-6 5-11 7-9 10-15 13-14 14-15

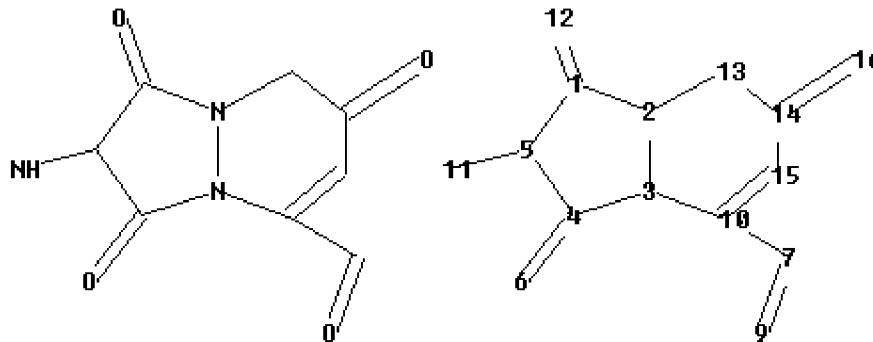
10/774043

exact bonds :  
7-10

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 9:CLASS 10:Atom  
11:CLASS  
12:CLASS 13:Atom 14:Atom 15:Atom

L17 STRUCTURE UPLOADED  
D

Uploading L9.str



chain nodes :  
6 7 9 11 12 16  
ring nodes :  
1 2 3 4 5 10 13 14 15  
chain bonds :  
1-12 4-6 5-11 7-9 7-10 14-16  
ring bonds :  
1-2 1-5 2-3 2-13 3-4 3-10 4-5 10-15 13-14 14-15  
exact/norm bonds :  
1-2 1-5 1-12 2-3 2-13 3-4 3-10 4-5 4-6 5-11 7-9 10-15 13-14 14-15 14-16

exact bonds :  
7-10

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 9:CLASS 10:Atom  
11:CLASS  
12:CLASS 13:Atom 14:Atom 15:Atom 16:CLASS

L18 0 SEA SUB=L6 SSS SAM L14 OR L15 OR L16 OR L17  
L19 0 SEA SUB=L6 SSS FUL L14 OR L15 OR L16 OR L17

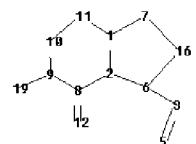
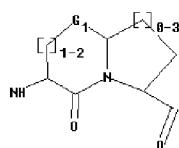
FILE 'STNGUIDE' ENTERED AT 10:47:04 ON 18 MAR 2009

FILE 'REGISTRY' ENTERED AT 10:56:10 ON 18 MAR 2009

L20

STRUCTURE UPLOADED  
D

Uploading L10.str



chain nodes :

3 5 12 19

ring nodes :

1 2 6 7 8 9 10 11 16

chain bonds :

3-5 3-6 8-12 9-19

ring bonds :

1-7 1-2 1-11 2-6 2-8 6-16 7-16 8-9 9-10 10-11

exact/norm bonds :

1-7 1-2 1-11 2-6 2-8 3-5 3-6 6-16 7-16 8-9 8-12 9-10 9-19 10-11

G1:O,S

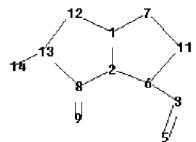
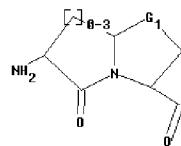
Match level :

1:Atom 2:Atom 3:CLASS 5:CLASS 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom  
12:CLASS 16:Atom 19:CLASS

L21

STRUCTURE UPLOADED  
D

Uploading L11.str



chain nodes :

3 5 9 14

ring nodes :

1 2 6 7 8 11 12 13

chain bonds :

3-5 3-6 8-9 13-14

ring bonds :

1-7 1-2 1-12 2-6 2-8 6-11 7-11 8-13 12-13

exact/norm bonds :

1-7 1-2 1-12 2-6 2-8 3-5 3-6 6-11 7-11 8-9 8-13 12-13 13-14

G1:O,S

Match level :

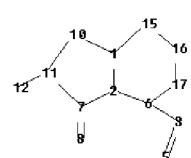
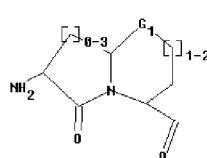
1:Atom 2:Atom 3:CLASS 5:CLASS 6:Atom 7:Atom 8:Atom 9:CLASS 11:Atom 12:Atom  
13:CLASS 14:CLASS

L22

STRUCTURE UPLOADED

D

Uploading L12.str



chain nodes :  
 3 5 8 12  
 ring nodes :  
 1 2 6 7 10 11 15 16 17  
 chain bonds :  
 3-5 3-6 7-8 11-12  
 ring bonds :  
 1-10 1-2 1-15 2-6 2-7 6-17 7-11 10-11 15-16 16-17  
 exact/norm bonds :  
 1-10 1-2 1-15 2-6 2-7 3-5 3-6 6-17 7-8 7-11 10-11 11-12 15-16 16-17

G1:O,S

Match level :  
 1:Atom 2:Atom 3:CLASS 5:CLASS 6:Atom 7:Atom 8:CLASS 10:Atom 11:CLASS  
 12:CLASS  
 15:CLASS 16:CLASS 17:Atom

L23 15 SEA SSS SAM L20 OR L21 OR L22  
 L24 952 SEA SSS FUL L20 OR L21 OR L22

FILE 'HCAPLUS' ENTERED AT 11:32:05 ON 18 MAR 2009  
 L25 3540 SEA ABB=ON PLU=ON L24  
     E PHOSPHOTRANSFERASE/CT  
     E E3+ALL  
 L26 415 SEA ABB=ON PLU=ON PHOSPHOTRANSFERASE+OLD/CT  
     E PHOSPHORYLATION/CT  
     E E3+ALL  
 L27 119677 SEA ABB=ON PLU=ON PHOSPHORYLATION+OLD, NEW, PFT/CT  
 L28 0 SEA ABB=ON PLU=ON L6 AND (L26 OR L27)  
 L29 228895 SEA ABB=ON PLU=ON PHOSPHOTRANSFER? OR PHOSPHORYLAT?  
 L30 15261 SEA ABB=ON PLU=ON ENZYME# (S) L29  
 L31 0 SEA ABB=ON PLU=ON L6 AND L30  
 L32 13 SEA ABB=ON PLU=ON L6 AND KINASE#  
     E PHOSPHOLIPASE/CT  
 L33 3 SEA ABB=ON PLU=ON L25 AND (L26 OR L27)  
 L34 1 SEA ABB=ON PLU=ON L25 AND L30  
     D SCAN TI HIT

FILE 'REGISTRY' ENTERED AT 11:42:21 ON 18 MAR 2009  
 L35 1 SEA ABB=ON PLU=ON 167305-00-2/RN  
     D SCAN

FILE 'HCAPLUS' ENTERED AT 11:43:28 ON 18 MAR 2009  
 L36 7 SEA ABB=ON PLU=ON L25 AND L29  
     D SCAN TI HIT

FILE 'REGISTRY' ENTERED AT 11:46:43 ON 18 MAR 2009  
 L37 50 SEA SSS SAM L8 OR L9 OR L10  
 L38 4607 SEA SSS FUL L8 OR L9 OR L10  
     SAVE TEMP L24 SPI043RECOM1/A  
     SAVE TEMP L38 SPI043RECOM2/A

FILE 'HCAPLUS' ENTERED AT 11:48:56 ON 18 MAR 2009  
 L39 1225 SEA ABB=ON PLU=ON L38

L40 1 SEA ABB=ON PLU=ON L39 AND L7  
D SCAN

FILE 'REGISTRY' ENTERED AT 11:52:18 ON 18 MAR 2009  
L41 14 SEA SSS SAM L14 OR L15 OR L16  
L42 208 SEA SSS FUL L14 OR L15 OR L16  
SAVE TEMP L42 SPI043RECOM3/A

FILE 'HCAPLUS' ENTERED AT 11:53:58 ON 18 MAR 2009  
L43 1225 SEA ABB=ON PLU=ON L38  
L44 32 SEA ABB=ON PLU=ON L42  
L45 1 SEA ABB=ON PLU=ON (L43 OR L44) AND (L26 OR L27)  
L46 3 SEA ABB=ON PLU=ON (L43 OR L44) AND L29  
L47 3 SEA ABB=ON PLU=ON (L43 OR L44) AND (L30 OR PHOSPHOLIPASE#)  
L48 25 SEA ABB=ON PLU=ON L32 OR L33 OR L34 OR L36 OR (L45 OR L46 OR  
L47)  
L49 13 SEA ABB=ON PLU=ON L48 AND (L26 OR L27 OR L29 OR L30 OR  
PHOSPHOLIPASE#)  
L50 1 SEA ABB=ON PLU=ON US20060293372/PN  
E QABAR MAHER N/AU  
L51 28 SEA ABB=ON PLU=ON ("QABAR M"/AU OR "QABAR MAHER"/AU OR  
"QABAR MAHER N"/AU OR "QABAR MAHER NICOLA"/AU)  
E MCMILLAN MICHAEL K/AU  
L52 11 SEA ABB=ON PLU=ON ("MCMILLAN MICHAEL"/AU OR "MCMILLAN  
MICHAEL K"/AU OR "MCMILLAN MICHAEL KIM"/AU OR "MCMILLAN  
MICHAEL KURT"/AU)  
E KAHN MICHAEL S/AU  
L53 3 SEA ABB=ON PLU=ON ("KAHN MICHAEL S"/AU OR "KAHN MICHAEL  
STEVEN"/AU)  
E TULINSKY JOHN E/AU  
L54 23 SEA ABB=ON PLU=ON ("TULINSKY J"/AU OR "TULINSKY JOHN"/AU OR  
"TULINSKY JOHN E"/AU OR "TULINSKY JOHN EDWARD"/AU)  
E OGBU CYPRIAN O/AU  
L55 22 SEA ABB=ON PLU=ON ("OGBU CY O"/AU OR "OGBU CYPRIAN"/AU OR  
"OGBU CYPRIAN O"/AU)  
E MATHEW JESSYMO/AU  
L56 30 SEA ABB=ON PLU=ON ("MATHEW JESSY"/AU OR "MATHEW JESSY E"/AU  
OR "MATHEW JESSYMO"/AU)  
L57 2 SEA ABB=ON PLU=ON ((L51 OR L52 OR L53 OR L54 OR L55 OR L56))  
AND (L26 OR L27)  
L58 2 SEA ABB=ON PLU=ON ((L51 OR L52 OR L53 OR L54 OR L55 OR L56))  
AND (L29 OR L30)  
L59 2 SEA ABB=ON PLU=ON L57 OR L58

FILE 'REGISTRY' ENTERED AT 12:06:15 ON 18 MAR 2009  
L60 2 SEA ABB=ON PLU=ON L6 AND (MEDLINE OR BIOSIS OR DRUGU OR  
EMBASE)/LC  
L61 6 SEA ABB=ON PLU=ON L24 AND (MEDLINE OR BIOSIS OR DRUGU OR  
EMBASE)/LC  
L62 15 SEA ABB=ON PLU=ON L38 AND (MEDLINE OR BIOSIS OR DRUGU OR  
EMBASE)/LC  
L63 0 SEA ABB=ON PLU=ON L42 AND (MEDLINE OR BIOSIS OR DRUGU OR  
EMBASE)/LC

FILE 'MEDLINE' ENTERED AT 12:07:40 ON 18 MAR 2009  
L64 1 SEA ABB=ON PLU=ON ((L60 OR L61 OR L62 OR L63)) AND (L26 OR  
L27)  
L65 1 SEA ABB=ON PLU=ON ((L60 OR L61 OR L62 OR L63)) AND (L29 OR  
L30)

**10/774043**

FILE 'BIOSIS' ENTERED AT 12:08:39 ON 18 MAR 2009  
L66 4 SEA ABB=ON PLU=ON ((L60 OR L61 OR L62 OR L63)) AND (L29 OR  
L30)

FILE 'DRUGU' ENTERED AT 12:09:08 ON 18 MAR 2009  
L67 3 SEA ABB=ON PLU=ON ((L60 OR L61 OR L62 OR L63)) AND (L29 OR  
L30)

FILE 'EMBASE' ENTERED AT 12:09:28 ON 18 MAR 2009  
L68 12 SEA ABB=ON PLU=ON ((L60 OR L61 OR L62 OR L63)) AND (L29 OR  
L30)  
D TI KWIC 1-5

FILE 'STNGUIDE' ENTERED AT 12:10:44 ON 18 MAR 2009  
D QUE L59

FILE 'HCAPLUS' ENTERED AT 12:12:57 ON 18 MAR 2009  
D L59 1-2 IBIB ABS HITSTR

FILE 'STNGUIDE' ENTERED AT 12:12:58 ON 18 MAR 2009  
D QUE L49  
D QUE L65  
D QUE L66  
D QUE L67  
D QUE L68

FILE 'HCAPLUS, MEDLINE, BIOSIS, DRUGU, EMBASE' ENTERED AT 12:14:09 ON 18  
MAR 2009  
L69 24 DUP REM L49 L65 L66 L67 L68 (9 DUPLICATES REMOVED)  
ANSWERS '1-13' FROM FILE HCAPLUS  
ANSWER '14' FROM FILE MEDLINE  
ANSWER '15' FROM FILE BIOSIS  
ANSWERS '16-17' FROM FILE DRUGU  
ANSWERS '18-24' FROM FILE EMBASE  
D L69 1-13 IBIB ABS HITSTR HITIND  
D L69 14-24 IBIB AB HITIND